

AMENDMENTS TO THE CLAIMS

- At the time of the Action: Claims 1-23.
- Amended Claims: Claims 1, 5, 6 and 14.
- Canceled Claims: Claim 15, 19, and 21.
- New Claims: Claim 24, 25, and 26.
- After this Response: Claims 1-4 and 16-18, 20, and 22-26.

1. (Currently Amended) A black toner particle for use in a printing toner, the particle comprising:

a polymer;
carbon black; and
a plurality of different colored pigments;

wherein the carbon black and the plurality of different colored pigments are dispersed in the polymer[.], and wherein an image formed using the printing toner exhibits an optical density fading of less than 10.5% when exposed to a light having a spectrum of wavelengths from about 270 to about 800 nanometers for a period of time over 200 hours.

2. (Original) A black toner particle according to claim 1 wherein the plurality of colored pigments comprises two colored pigments.

3. (Original) A black toner particle according to claim 1 wherein the plurality of colored pigments comprises three or more colored pigments.

4. (Previously Presented) A black toner particle according to claim 1 wherein one of the colored pigments is a blue pigment.

5. (Currently Amended) A black toner particle according to claim 4 wherein the blue pigment has a color index pigment blue [[15.3]]15:3.

6. (Currently Amended) A black toner particle according to claim 4 wherein the blue pigment has a color index pigment blue [[15.4]]15:4.

7. (Original) A black toner particle according to claim 6 wherein the blue pigment is a Phtalocyanine pigment.

8. (Previously Presented) A black toner particle according to claim 1 wherein one of the colored pigments is a violet pigment.

9. (Original) A black toner particle according to claim 8 wherein the violet pigment has a color index pigment violet 23.

10. (Original) A black toner particle according to claim 8 wherein the violet pigment is a Dioxazine pigment.

11. (Previously Presented) A black toner particle according to claim 1 wherein the carbon black and different colored pigments provide the toner particle with a Chroma value having magnitude less than about 2, after printing on white paper.

12. (Original) A black toner particle, in accordance with claim 11 wherein the carbon black and different colored pigments provide the toner particle with a Chroma value having magnitude less than about 1.5, after printing on white paper.

13. (Previously Presented) A black toner particle according to claim 1 wherein the carbon black and different colored pigments provide the toner particle

with a Chroma value having magnitude less than about 1, after printing on white paper.

14. (Currently Amended) A black toner particle according to claim 1 wherein the polymer is a copolymer of ethylene and ~~meta~~acrylic methacrylic acid.

15. (Canceled).

16. (Previously Presented) A black liquid toner comprising toner particles in accordance with claim 1 dispersed in a carrier liquid.

17. (Original)A liquid toner according to claim 16 and also including a charge director.

18. (Previously Presented) A black powder toner comprising toner particles in accordance with claim 1.

19. (Canceled).

20. (Previously Presented) A black toner particle according to claim 4 wherein one of the colored pigments is a violet pigment.

21. (Canceled).

22. (Previously Presented) A method of printing an image on a substrate comprising:

generating a charge distribution responsive to the image on a surface, the charge distribution defining image areas and background areas;

adhering toner particles comprised in a toner in accordance with claim 18 to image areas on the surface; and
transferring the toner particles from the surface to the substrate.

23. (Previously Presented) A black liquid toner comprising toner particles in accordance with claim 3 dispersed in a carrier liquid.

24. (New) A black toner particle for use in a printing toner, the particle comprising:

a polymer;

carbon black; and

a plurality of different colored pigments, wherein one of the colored pigments is a blue pigment and one of the colored pigments is a violet pigment;

wherein the carbon black and the plurality of different colored pigments are dispersed in the polymer, wherein an image formed using the printing toner exhibits an optical density fading of less than 10.5% when exposed to a light having a spectrum of wavelengths from about 270 to about 800 nanometers for a period of time over 200 hours; and

wherein the carbon black and different colored pigments provide the toner particle with a Chroma value having a magnitude less than about 2, after printing on white paper.

25. (New) A method of printing an image on a substrate comprising:
generating a charge distribution responsive to the image on a surface, the charge distribution defining image areas and background areas;
adhering toner particles comprised in a toner to image areas on the surface, wherein the toner particles are a black toner particle, the particle comprising:
a polymer;
carbon black; and

a plurality of different colored pigments;

wherein the carbon black and the plurality of different colored pigments are dispersed in the polymer, and wherein an image formed using the printing toner exhibits an optical density fading of less than 10.5% when exposed to a light having a spectrum of wavelengths from about 270 to about 800 nanometers for a period of time over 200 hours; and
transferring the toner particles from the surface to the substrate.

26. (New) A black liquid toner comprising toner particles in accordance with claim 25 dispersed in a carrier liquid.